

U.S. EPA NCER/NCEE Workshop
Morbidity and Mortality: How Do We Value the Risk of Illness and Death?

National Transportation Safety Board Conference Center
429 L' Enfant Plaza, SW
Washington, DC 20594

April 10–12, 2006

Agenda

Monday, April 10, 2006

- 8:00 a.m. – 8:30 a.m. Registration**
- 8:30 a.m. – 8:45 a.m. Introductory Remarks**
William H. Farland, Chief Scientist, Office of the Science Advisor, and Acting Deputy Assistant Administrator for Science, Office of Research and Development, U.S. EPA
- 8:45 a.m. – 11:30 a.m. Session I: Risk Assessment and Valuation of Health Effects From Air Pollution**
Session Moderator: Ron Shadbegian, U.S. EPA, National Center for Environmental Economics
- 8:45 a.m. – 9:15 a.m. *Willingness To Pay for Improved Health: A Comparison of Stated and Revealed Preferences Models***
Michael Hanemann, University of California–Berkeley, and
Sylvia Brandt, University of Massachusetts–Amherst
Presented by: Sylvia Brandt
- 9:15 a.m. – 9:45 a.m. *Individual Preferences and Household Choices: The Potential Role of Dependency Relationships***
Mary F. Evans, University of Tennessee–Knoxville; Christine Poulos, Research Triangle Institute; and V. Kerry Smith, North Carolina State University
Presented by: Mary Evans
- 9:45 a.m. – 10:00 a.m. Break**
- 10:00 a.m. – 10:30 a.m. *Preliminary Results From a Daily, Time-Series Study of Air Pollution and Asthma in the San Francisco Bay Area***
Charles Griffiths and Nathalie Simon, U.S. EPA, National Center for Environmental Economics
Presented by: Charles Griffiths
- 10:30 a.m. – 10:45 a.m. Discussant: Bryan Hubbell, U.S. EPA, Office of Air Quality Planning and Standards**
- 10:45 a.m. – 11:00 a.m. Discussant: Glenn Blomquist, University of Kentucky**
- 11:00 a.m. – 11:30 a.m. Questions and Discussion**

- 11:30 a.m. – 1:00 p.m.** **Lunch (On Your Own) and Keynote Address (To Begin at 12:30 p.m.)**
 Brian Mannix, Associate Administrator, U.S. EPA, Office of Policy, Economics, and Innovation
 Introduction by: Al McGartland, Director, U.S. EPA, National Center for Environmental Economics
- 1:00 p.m. – 3:15 p.m.** **Session II: Issues with Morbidity Valuation**
 Session Moderator: William Wheeler, U.S. EPA, National Center for Environmental Research
- 1:00 p.m. – 1:15 p.m.** *IOM and Cost Effectiveness*
 Nathalie Simon, U.S. EPA, National Center for Environmental Economics
- 1:15 p.m. – 1:45 p.m.** *Altruism and Environmental Risks to Health of Parents and Their Children*
 Mark Dickie and Shelby Gerking, University of Central Florida
 Presented by: Mark Dickie
- 1:45 p.m. – 2:15 p.m.** *Is an Ounce of Prevention Worth a Pound of Cure?*
 Ryan Bosworth and Trudy Cameron, University of Oregon; and
 J.R. DeShazo, University of California–Los Angeles
 Presented by: J.R. DeShazo
- 2:15 p.m. – 2:30 p.m.** Discussant: Kelly Maguire, U.S. EPA, National Center for Environmental Economics
- 2:30 p.m. – 2:45 p.m.** Discussant: Kevin Boyle, Virginia Polytechnic Institute
- 2:45 p.m. – 3:15 p.m.** **Questions and Discussion**
- 3:15 p.m. – 3:30 p.m.** **Break**
- 3:30 p.m. – 5:00 p.m.** **Session III: Panel Discussion on the Use of the Internet in Valuation Surveys**
 Session Moderator: William Wheeler, U.S. EPA, National Center for Environmental Research
- 3:30 p.m. – 4:30 p.m.** Panel Participants:
 Nathalie Simon, U.S. EPA, National Center for Environmental Economics
 J.R. DeShazo, University of California–Los Angeles
 Shelby Gerking, University of Central Florida
 Alan Krupnick, Resources for the Future
 Jon Krosnick, Stanford University
 Brian Harris-Kojetin, Office of Management and Budget
- 4:30 p.m. – 5:00 p.m.** **Questions and Discussion**
- 5:00 p.m.** **Adjourn**
- Evening Option: Informal Dinner

*Sign up by 12:00 noon at the registration table.
 (Note: Attendees are responsible for their own tabs.)*

Tuesday, April 11, 2006

8:00 a.m. – 8:30 a.m. Registration

8:30 a.m. – 11:30 a.m. Session IV: Valuing Morbidity and Mortality: Pesticides and Toxics

Session Moderator: Jin Kim, U.S. EPA, Office of Pesticide Programs

8:30 a.m. – 8:45 a.m. *ORD Activities With the National Children's Study and National Health and Nutrition Examination Survey*
Montira Pongsiri, U.S. EPA, National Center for Environmental Research

8:45 a.m. – 9:15 a.m. *Use of Contingent Valuation to Elicit Willingness-to-Pay for the Benefits of Developmental Health Risk Reductions*
James K. Hammitt and Katherine Von Stackelberg, Harvard Center for Risk Analysis, Harvard University
Presented by: James Hammitt

9:15 a.m. – 9:45 a.m. *Parental Decision Making About Children's Health*
Alan Krupnick and Sandra Hoffmann, Resources for the Future; Victor Adamowicz, University of Alberta; and Ann Bostrom, Georgia Institute of Technology
Presented by: Alan Krupnick and Sandra Hoffmann

9:45 a.m. – 10:00 a.m. Break

10:00 a.m. – 10:30 a.m. *Value of Reducing Children's Mortality Risk: Effects of Latency and Disease Type*
James Hammitt and Kevin Haninger, Harvard Center for Risk Analysis, Harvard University
Presented by: James Hammitt

10:30 a.m. – 10:45 a.m. Discussant: Lanelle Wiggins, U.S. EPA, National Center for Environmental Economics

10:45 a.m. – 11:00 a.m. Discussant: F. Reed Johnson, Research Triangle Institute

11:00 a.m. – 11:30 a.m. Questions and Discussion

11:30 a.m. – 12:45 p.m. Lunch (On Your Own)

12:45 p.m. – 2:55 p.m. Session V: Empirical Issues Associated With Mortality Risk Valuation

Session Moderator: Nathalie Simon, U.S. EPA, National Center for Environmental Economics

12:45 p.m. – 1:00 p.m. *Update on Mortality Risk Valuation at EPA*
Kelly Maguire, U.S. EPA, National Center for Environmental Economics

1:00 p.m. – 1:30 p.m. *Eliciting Risk Tradeoffs for Valuing Fatal Cancer Risks*
Chris Dockins, U.S. EPA, National Center for Environmental Economics; George Van Houtven, Research Triangle Institute; and Melonie Sullivan, Institute for Family Centered Services
Presented by: George Van Houtven

1:30 p.m. – 2:00 p.m. *Adjusting the Value of a Statistical Life for Age and Cohort Effects*

	Joe Aldy, Resources for the Future, and Kip Viscusi, Harvard University Presented by: Joe Aldy
2:00 p.m. – 2:15 p.m.	Discussant: Clark Nardinelli, Food and Drug Administration
2:15 p.m. – 2:30 p.m.	Discussant: Maureen Cropper, University of Maryland and the World Bank
2:30 p.m. – 2:55 p.m.	Questions and Discussion
2:55 p.m. – 3:05 p.m.	Break
3:05 p.m. – 5:30 p.m.	Session VI: Valuing Morbidity and Mortality: Drinking Water Session Moderator: John Powers, U.S. EPA, Office of Water
3:05 p.m. – 3:20 p.m.	<i>Combining Psychological and Economic Methods To Improve Understanding of Factors Determining Adults' Valuation of Children's Health</i> Cheryl Asmus, Paul Bell, John Loomis, Byron Allen, and Helen Zita Cooney, Colorado State University Presented by: Cheryl Asmus and Byron Allen
3:20 p.m. – 3:35 p.m.	<i>Economic Valuation of Avoiding Exposure to Arsenic in Drinking Water</i> Kathleen Bell, University of Maine, and Kevin Boyle, Virginia Polytechnic Institute Presented by: Kathleen Bell
3:35 p.m. – 4:05 p.m.	<i>Perceived Mortality Risks and Arsenic in Drinking Water: Preliminary Research</i> Douglass Shaw, Texas A&M University; Paul Jakus, Utah State University; Klaus Moeltner and Mark Walker, University of Nevada–Reno; and Mary Riddel, University of Nevada–Las Vegas Presented by: Douglass Shaw
4:05 p.m. – 4:35 p.m.	<i>Willingness To Pay To Reduce Community Health Risks from Municipal Drinking Water: A Stated Preference Study</i> Alan Krupnick, Resources for the Future; Vic Adamowicz, University of Alberta; and Diane Dupont, Brock University Presented by: Alan Krupnick
4:35 p.m. – 4:50 p.m.	Discussant: Trish Hall, U.S. EPA, Office of Ground Water and Drinking Water
4:50 p.m. – 5:05 p.m.	Discussant: Greg Poe, Cornell University
5:05 p.m. – 5:30 p.m.	Questions and Discussion
5:30 p.m.	Adjourn

Wednesday, April 12, 2006

8:00 a.m. – 8:30 a.m.	Registration
8:30 a.m. – 11:00 a.m.	Session VII: Discussion of Results from STAR Grant <i>Not All Deaths Are Created Equal</i> Session Moderator: William Wheeler, U.S. EPA, National Center for Environmental Research
8:30 a.m. – 8:55 a.m.	<i>Strategies for Valuing Changes in the Likelihood of Illness Profiles</i> J.R. DeShazo, University of California–Los Angeles, and Trudy Cameron, Oregon State University
8:55 a.m. – 9:25 a.m.	Panel Discussion James Hammitt, Harvard Center for Risk Analysis, Harvard University; Lauraine Chestnut, Stratus Consulting Inc.; and Nathalie Simon, U.S. EPA, National Center for Environmental Economics
9:25 a.m. – 9:55 a.m.	Questions and Discussion
9:55 a.m. – 10:10 a.m.	Break
10:10 a.m. – 10:55 a.m.	<i>VSLs: Age, Gender, and Children</i> J.R. DeShazo, University of California–Los Angeles, and Trudy Cameron, Oregon State University
10:55 a.m. – 11:25 a.m.	Questions and Discussion
11:25 a.m.	Adjourn